

State of Washington Application for a Water Right Permit

☒ SURFACE WATER ☐ GROUND WATER
☐ Permanent ☐ Temporary ☐ Short Term

Follow the attached instructions. Attach additional sheets as necessary.

A NON-REFUNDABLE MINIMUM FEE OF \$50.00 PAYABLE TO THE DEPARTMENT OF ECOLOGY MUST ACCOMPANY THIS APPLICATION.

Section 1. APPLICANT

Applicant/Business Name: (AHEP) Anacortes Home Education Partnership/Walla Walla College		Phone No: 360)299-8995	Other No: 360)661-
Address: 15510 Rosario Rd			
City: Anacortes		State: WA	Zip: 98221
Email Address (optional): mlutz@asd103.org			

Contact Name (if different from above): Mira Lutz	Phone No:	Other No:
Relationship to Applicant: AHEP Science Teacher on campus Walle Walla		
Address: 1316 11th St		
City: Anacortes	State: WA	Zip: 98221
Email Address (optional): Same		

Section 2. STATEMENT OF INTENT

Briefly describe the purpose of your proposed project: To build a microhydro-electric system for clean-energy on campus and for renewable energy education. The system would divert a 10m section of the stream to fill a holding tank for a few 3-5 hr periods between
Anticipated length of time to complete your project: 4 months October and March.

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Water Use List all purposes for which water will be applied to a beneficial use and list quantity required for each.

Purpose(s) of Use	Rate (check one box only)	Acre-Feet per Year (AF/YR) (If known)	Period of Use (Continuously or Seasonal)
	<input type="checkbox"/> Cubic Feet per Second (CFS) <input checked="" type="checkbox"/> Gallons per Minute (GPM)		
Hydroelectricity (micro-scale)	90 gpm at peak 0.201 cfs		Fall and Winter only
TOTAL			81-28543

TOTAL.

to Keep

Section 3. POINT OF DIVERSION OR WITHDRAWAL

Complete A or B, and C below

A.) If Surface Water Source	B.) If Ground Water Source
<input type="checkbox"/> Spring <input checked="" type="checkbox"/> Creek <input type="checkbox"/> River <input type="checkbox"/> Lake <input type="checkbox"/> Other: _____	<input type="checkbox"/> Well(s) <input type="checkbox"/> Other: _____ _____
Source Name: <u>No name</u>	Well diameter & depth: _____
Tributary to: <u>Rosario Beach/Rosario Strait</u>	Number of proposed points of withdrawal: _____
Number of proposed diversion points: _____	Do you have an existing well? <input type="checkbox"/> YES <input type="checkbox"/> NO
Do you have an existing diversion? <input type="checkbox"/> YES <input type="checkbox"/> NO	If available, attach Water Well Report and pump test. Well Tag ID No. _____

C.) Point of Diversion/Withdrawal – Legal Description

Parcel No.	¼	¼	Section	Township	Range	County
		NE	22	34	01E	Skagit
Lot(s)	Block(s)		Subdivision			

If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner:

_____ Feet (☐ North/☐ South) and _____ feet (☐ East/☐ West)

from the (☐NW ☐SW ☐NE ☐SE ☐____) corner of Section____.

Parcel No.	1/4	1/4	Section	Township	Range	County
P19586						Skagit
Lot(s)	Block(s)		Subdivision			

If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner:

_____ feet (☐ North/☐ South) and _____ feet (☐ East/☐ West)

from the (☐NW ☐SW ☐NE ☐SE ☐) corner of Section_____

NOTE: If more than two points of diversion/withdrawal attach additional information on a separate sheet of paper.

Do you own the land on which the proposed point of diversion/withdrawal is located? ☐ YES ☒ NO

If no, do you have legal authority to make this application for use of another's land? ☒ YES ☐ NO

Provide the owner name(s), address, and phone number: Walla Walla College
15510 Rosario Rd Anacortes, WA 98221 David Habenicht
360)661-0185 5105

Section 4. PLACE OF USE

Attach a copy of the legal description of the property (on which the water will be used) taken from a real estate contract, property deed or title insurance policy, or copy it carefully in the space below.

1/4	1/4	Section	Twp.	Range	County	Parcel No.

Section 5. WATER SYSTEM DESCRIPTION

Describe your proposed water system (include type and size of devices used to divert or withdraw water from source):

Intend to divert enough water to fill a 1000 gal. storage tank through 3" HDPE penstock a few times in the fall and winter months. Stored water will be used to run a microhydroelectric system for the school for a few hours each month ~~then~~ to charge a battery bank and demonstrate ~~any~~ renewable energy system. Water diverted to tanks will be returned to stream approx. 20 meters below intake while filling tanks and allowed to flow free at all other times.

Section 6. DOMESTIC WATER SUPPLY SYSTEM INFORMATION

Complete A or B, and C below

A.) Domestic Water Systems only	B.) Municipal Water Systems only (defined under RCW 90.03.015)
Projected number of connections to be served: _____	Present population to be served water: _____
Type of connections: _____ (e.g., home, recreational cabin)	Estimate future population to be served: _____ (20 year projection)
C.) Water System Planning	
Do you have a Water System Plan approved by the Washington State Department of Health, Drinking Water Division? <input type="checkbox"/> YES <input type="checkbox"/> NO	
If yes, date plan was approved ____/____/____ Water System Number: _____	
Name of water system: _____	
Are you within the service area of an existing water system? <input type="checkbox"/> YES <input type="checkbox"/> NO	
If yes, explain why you are unable to connect to the system: _____	

Section 7. IRRIGATION/STOCKWATER/OTHER FARM USES

Irrigation

Total number of acres requested to be irrigated under this application = _____ ACRES

NOTE: Outline the area to be irrigated on your attached map.

Stockwater

Family Farm Water Act (RCW 90.66):

Calculate the acreage in which you have a controlling interest, including only:

- Acreage irrigated under water rights acquired after December 8, 1977,
- Acreage proposed to be irrigated under this application, and
- Acreage proposed to be irrigated under other pending application(s).

Is the combined acreage under existing rights greater than 6000 acres? ☐ YES ☐ NO

Do you have a controlling interest in a Family Farm Development Permit? ☐ YES ☐ NO

If yes, enter Permit No: _____

Section 8. OTHER WATER USES

Hydropower

Indicate total feet of head 198 and proposed capacity in kilowatts: 470

Describe works: _____

Indicate all uses to which power is to be applied: Battery storage. Power to school during power outages and education for school and community.
FERC License No: I am not certain I need one for this project. Please advise.

Mining/Industrial Use

Describe use, method of supplying and utilizing water: _____

Other Use

Section 9. WATER STORAGE

Will you be using a dam, dike, or other structure to retain or store water? ☒ YES ☐ NO

Are you proposing to store more than 10 acre-feet of water? ☐ YES ☐ NO

Will the water depth be 10 feet or more? ☐ YES ☐ NO

If you answered yes to any of the above questions, please describe: _____

1000 gal. storage tank just until full. Will use approx. 1X/month. At all other times stream will flow naturally.

NOTE: If you will be storing 10 acre-feet or more of water and/or if the water depth will be 10 feet or more at the deepest point and some portion of the storage will be above grade, you must also complete an Application for Permit to Construct a Reservoir and a Dam Construction Permit and Application.

Section 11. REQUIRED SIGNATURES

I certify that the information provided in this application is true and accurate to the best of my knowledge. I understand that in order to process my application, I grant staff from the Department of Ecology access to the site for inspection and monitoring purposes. Even though the employees of the Department of Ecology may have assisted me in the preparation of the above application, all responsibility for the accuracy of the information rests with me, the applicant.

Mira Lutz
Print Name
(Applicant or authorized representative)

Mira Lutz
Signature

2-10-08
Date

Dave Habenicht
Print Name
(Landowner of Place of Use) **RBML Manager**

[Signature]
Signature

2/14/08
Date

Print Name
(Landowner of Place of Use)

Signature

Date

Print Name
(Landowner of Place of Use)

Signature

Date

Submit your application to: DEPARTMENT OF ECOLOGY
CASHIERING SECTION
PO BOX 5128
LACEY WA 98509-5128

Please check the region in which your proposed project is located.
☐ Southwest ☐ Northwest ☐ Central ☐ Eastern

Below is a map of the State of Washington, with outlines of the four Ecology regional offices. If you have questions about your application, contact the Water Resources program at the regional office in which your project is located.

